

FatÄ°h Akkurt

List of Publications by Year in descending order

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papers

140
citations

1307594

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19
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141
citing authors

#	ARTICLE	IF	CITATIONS
1	Phase Transitions, Order Parameters and Threshold Voltages in Liquid Crystal Systems Doped with Disperse Orange Dye and Carbon Nanoparticles. Fullerenes Nanotubes and Carbon Nanostructures, 2009, 17, 616-624.	2.1	16
2	Investigation of mechanical and thermal properties of nano SiO ₂ /hydrophobic silica aerogel doped concrete with thermal insulation properties. Structural Concrete, 2020, 21, 1123-1133.	3.1	15
3	Orientation in Nematic Liquid Crystals Doped with Orange Dyes and Effect of Carbon Nanoparticles. Chinese Journal of Chemical Physics, 2010, 23, 368-372.	1.3	12
4	Characterisation of azo dye and carbon nanoparticle-doped guest-host liquid crystalline matrix. Liquid Crystals, 2014, 41, 1269-1276.	2.2	10
5	Effects on molecular orientation and phase transition of addition of carbon nanotubes into liquid crystalline matrix. Liquid Crystals, 2014, 41, 603-609.	2.2	10
6	Chemical, thermal, and mechanical properties and ultraviolet transmittance of novel nano-hydroxyapatite/polyethylene terephthalate milk bottles. Polymer Engineering and Science, 2021, 61, 2043-2054.	3.1	10
7	Alignment and Reorientation in Nematic Liquid Crystals Doped with Red Dye and Carbon Nanotube. Fullerenes Nanotubes and Carbon Nanostructures, 2011, 19, 262-270.	2.1	9
8	Thermal conversion behavior of paper mill sludge: characterization, kinetic, and thermodynamic analyses. Biomass Conversion and Biorefinery, 2023, 13, 2007-2016.	4.6	8
9	INVESTIGATION OF SYNTHESIS PARAMETERS OF ANTIMONY FLUOROBORATE AND ITS USABILITY AS A FLAME RETARDANT FOR CELLULOSIC FABRICS. Cellulose Chemistry and Technology, 2021, 55, 893-900.	1.2	8
10	Novel Non-Metal Cation (NMC) Pentaborate Salts of Some Amino Acids. Molecules, 2019, 24, 2790.	3.8	7
11	Laser induced electro-optical characterization of anthraquinone dye and fullerene C60 doped guest-host liquid crystal systems. Journal of Molecular Liquids, 2014, 194, 241-244.	4.9	6
12	Investigation of boron usability in rock wool production. Construction and Building Materials, 2020, 243, 118222.	7.2	6
13	Novel coordination compounds: Mn(II), Co(II), Ni(II), Cu(II), and Zn(II) cations with acesulfame/ <i>N,N</i> -diethylnicotinamide ligands. Journal of Coordination Chemistry, 2019, 72, 3502-3517.	2.2	5
14	Improvement of environmental stress cracking performance, load-carrying capacity, and UV light barrier property of polyethylene terephthalate packaging material. Polymers for Advanced Technologies, 2022, 33, 2352-2361.	3.2	5
15	Synthesis of Gd ⁺³ doped hydroxyapatite ceramics: optical, thermal and electrical properties. Journal of Asian Ceramic Societies, 2021, 9, 865-873.	2.3	4
16	Effects of magnesium borate on the mechanical performance, thermal and chemical degradation of polyethylene terephthalate packaging material. Journal of Plastic Film and Sheeting, 2022, 38, 589-607.	2.2	3
17	A way to enhance the mechanical performance and UV visible light barrier of polyethylene terephthalate packaging material: Synthesis and application of takedaite (Ca ₃ B ₂ O ₆). Polymers for Advanced Technologies, 2022, 33, 3359-3367.	3.2	3
18	Order parameter exchange and photoconductivity of nematic liquid crystals with various additives. Liquid Crystals, 2020, 47, 1398-1407.	2.2	2

#	ARTICLE	IF	CITATIONS
19	Carbonation sludge reinforced LDPE composites: flame-retardant, dynamic mechanical properties, thermal degradation behaviors. Polymer Bulletin, 0, , 1.	3.3	1